

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-64 (Canceled).

Claim 65 (Currently Amended): A system for creating and/or editing structured parts, comprising:

an assembly information storage configured to store assembly information for a plurality of assemblies, including name of an assembly including a plurality of parts, and a plurality of parts information including name of parts utilized in said assembly, each assembly corresponding to an electronic circuit board;

a parts information storage configured to store a plurality of said parts information, and parts attribute information including functions of parts corresponding to said parts information;

a parts information retrieving device configured to retrieve a plurality of parts information from said assembly information storage based on input assembly information, to retrieve the parts attribute information from said parts information storage based on the retrieved parts information, and to retrieve other parts information from said parts information storage for other parts having a function comparable to a function of said parts corresponding to said parts information, based on the retrieved parts attribute information; and

an assembly information update device configured to replace the parts information corresponding to the assembly information with other parts information retrieved from the parts information storage, and to store the replaced parts information corresponding to the assembly information in a memory.

Claim 66 (Previously Presented): The system according to claim 65,

wherein:

the parts information on respective parts include information on at least one of an identification, a function, a manufacture, a feature of at least one of size and shape, a future prospect, a price, and approval data related to approval and non-approval for use.

Claim 67 (Previously Presented): The system according to claim 65, further comprising:

a compatibility prediction information output device configured to survey on predetermined items based on the parts information, and to create and then output decision information for compatibility prediction based on results from the survey.

Claim 68 (Previously Presented): The system according to claim 67,

wherein:

the predetermined items on respective parts include at least packaging density, arrangement, and operation verification.

Claim 69 (Previously Presented): The system according to claim 65, further comprising:

a compatibility prediction information output device configured to store predetermined information on simulation models, based on technical requirements, to carry out simulation steps using parameters corresponding to models selected from the simulation models, and to create prediction information based on simulation results.

Claim 70 (Previously Presented): The system according to claim 65, further comprising:

a compatibility prediction information output device configured to estimate packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information, and to create and then output decision information for compatibility prediction based on packaging density results.

Claim 71 (Previously Presented): The system according to claim 65, further comprising:

a compatibility prediction information output device configured to estimate packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information together with predetermined restrictions, and to create and then output decision information for compatibility prediction based on packaging density results.

Claim 72 (Previously Presented): The system according to claim 71,
wherein:

the predetermined restrictions include at least one of restrictions concerning layout blocked area, part height, connector position, part location, pattern routing, and equal-trace-length requirements.

Claim 73 (Currently Amended): A method for creating and/or editing structured parts list information, comprising:

storing assembly information including name of an assembly including for a plurality of assemblies, a plurality of parts, and a plurality of parts information including name of parts utilized in said assembly, each assembly corresponding to an electronic circuit board;

storing, in a parts information storage, a plurality of said parts information, and parts attribute information including functions of parts corresponding to said parts information;

retrieving a plurality of parts information from said assembly information storage based on input assembly information, retrieving the parts attribute information from said parts information storage for other parts having a function comparable to a function of said parts corresponding to said parts information, based on the retrieved parts information, and retrieving other parts information from said parts information storage based on the retrieved parts attribute information; and

replacing the parts information corresponding to the assembly information with other parts information retrieved from the parts information storage, and storing the replaced parts information corresponding to the assembly information in a memory.

Claim 74 (Previously Presented): The method according to claim 73,
wherein:

the parts information on respective parts include information on at least one of an identification, a function, a manufacture, a feature of at least one of size and shape, a future prospect, a price, and approval data related to approval and non-approval for use.

Claim 75 (Previously Presented): The method according to claim 73, further
comprising:

surveying on predetermined items based on the replaced parts information; and

creating and then outputting decision information for compatibility prediction based on results from the survey.

Claim 76 (Previously Presented): The method according to claim 73, further comprising:

storing predetermined information on simulation models, based on technical requirements;

carrying out simulation steps using parameters corresponding to models selected from the simulation models; and

creating prediction information based on simulation results.

Claim 77 (Previously Presented): The method according to claim 73, further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information; and

creating and then outputting decision information for compatibility prediction based on packaging density results.

Claim 78 (Previously Presented): The method according to claim 73, further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information together with predetermined restrictions; and

producing and then outputting decision information for compatibility prediction based on packaging density results.

Claim 79 (Previously Presented): The method according to claim 78,

wherein:

the predetermined restrictions include at least one of restrictions concerning layout blocked area, part height, connector position, part location, pattern routing, and equal-trace-length requirements.

Claim 80 (Currently Amended): A computer accessible storage medium configured to store structured parts list creating and/or editing programs for a computer to execute a plurality of processings, the processings comprising:

storing assembly information including name of an assembly for a plurality of assemblies, including a plurality of parts, and a plurality of parts information including name of parts utilized in said assembly, each assembly corresponding to an electronic circuit board;

storing, in a parts information storage, a plurality of said parts information, and parts attribute information including functions of parts corresponding to said parts information;

retrieving a plurality of parts information from said assembly information storage based on input assembly information, retrieving the parts attribute information from said parts information storage based on the retrieved parts information, and retrieving other parts information from said parts information storage for other parts having a function comparable to a function of said parts corresponding to said parts information, based on the retrieved parts attribute information; and

replacing the parts information corresponding to the assembly information with other parts information retrieved from the parts information storage, and storing the replaced parts information corresponding to the assembly information in a memory.

Claim 81 (Previously Presented): The computer accessible storage medium according to claim 80,

wherein:

the parts information on respective parts include information on at least one of an identification, a function, a manufacture, a feature of at least one of size and shape, a future prospect, a price, and approval data related to approval and non-approval for use.

Claim 82 (Previously Presented): The computer accessible storage medium according to claim 80, the processings further comprising:

surveying on predetermined items based on the replaced parts information; and
creating and then outputting decision information for compatibility prediction based on results from the survey.

Claim 83 (Previously Presented): The computer accessible storage medium according to claim 80, the processings further comprising:

storing predetermined information on simulation models, based on technical requirements;
carrying out simulation steps using parameters corresponding to models selected from the simulation models; and
generating prediction information based on simulation results.

Claim 84 (Previously Presented): The computer accessible storage medium according to claim 80, the processings further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information; and

producing and then outputting decision information for compatibility prediction based on packaging density results.

Claim 85 (Previously Presented): The computer accessible storage medium according to claim 80, the processings further comprising:

estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information together with predetermined restrictions; and

producing and then outputting decision information for compatibility prediction based on packaging density/results.

Claim 86 (Previously Presented): The computer accessible storage medium according to claim 80,

wherein:

the predetermined restrictions include at least restrictions concerning layout blocked area, part height, connector position, part location, pattern routing, and equal-trace-length requirements.

Claim 87 (Currently Amended): A system for creating and/or editing structured parts list information, comprising:

means for storing assembly information including name of an assembly for a plurality of assemblies, including a plurality of parts, and a plurality of parts information including name of parts utilized in said assembly, each assembly corresponding to an electronic circuit board;

means for storing a plurality of said parts information, and for storing parts attribute information including functions of parts corresponding to said parts information;

means for retrieving a plurality of parts information from said means for storing assembly information based on input assembly information, for retrieving the parts attribute information from said means for storing parts information based on the retrieved parts information, and for retrieving other parts information from said means for storing parts information for other parts having a function comparable to a function of said parts corresponding to said parts information, based on the retrieved parts attribute information; and

means for replacing the parts information corresponding to the assembly information with other parts information retrieved from the means for storing parts information, and for storing the replaced parts information corresponding to the assembly information in a memory.

Claim 88 (Previously Presented): The system according to claim 87, further comprising:

compatibility prediction information output means for surveying on predetermined items based on the parts information, and for creating and then outputting decision information for compatibility prediction based on results from the survey.

Claim 89 (Previously Presented): The system according to claim 87, further comprising:

compatibility prediction information output means for storing predetermined information on simulation models, based on technical requirements, for carrying out

simulation steps using parameters corresponding to models selected from the simulation models, and for creating prediction information based on simulation results.

Claim 90 (Previously Presented): The system according to claim 87, further comprising:

compatibility prediction information output means for estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information, and for creating and then outputting decision information for compatibility prediction based on packaging density results.

Claim 91 (Previously Presented): The system according to claim 87, further comprising:

compatibility prediction information output means for estimating packaging densities for an arrangement with all components mounted within a desired layout area based on the replaced parts information together with predetermined restrictions, and for creating and then outputting decision information for compatibility prediction based on packaging density results.